



Report Engine



Plug and Play Extension

OVERVIEW

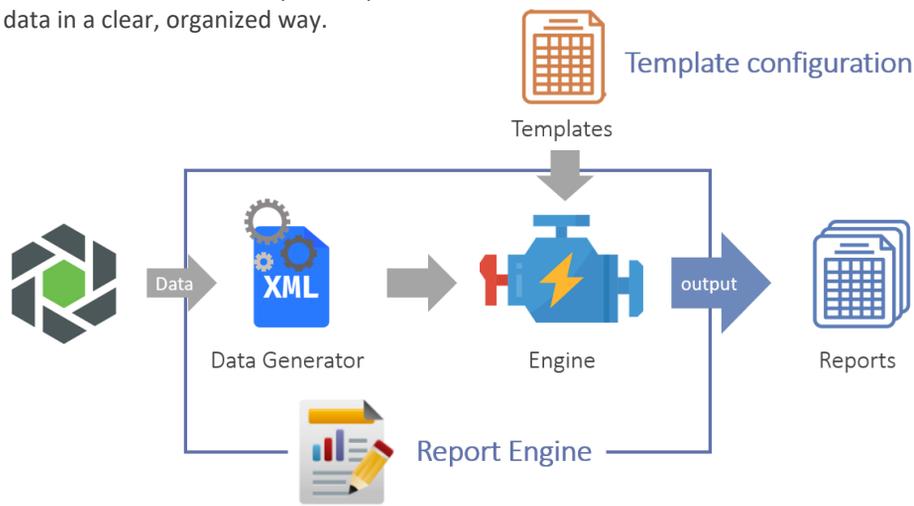
Create hard copy report from complex data. Windchill holds very valuable information that Report Engine processes and presents in simple and neat hard copy report for managers and engineers to make tactical decisions.

Report Engine allows to create these reports through a simple menu option. The reports can be created on various Windchill objects such as Parts, Change objects, Non-Conformance, etc.

The created report can be in PDF or Excel format. This extension uses XML Data Generator to query the data and a Jasper template to present them in a clear and organized way.

FEATURES

- Allows to create reports on selected data through a simple menu option.
- The reports can be created on various Windchill objects (Parts, Change objects, Non-Conformance, etc.)
- Report can be in PDF or Excel format.
- It uses XML Data Generators and a Jasper template to present the data in a clear, organized way.



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Has to be delivered with a set of templates that can be preconfigured, reconfigured, or built to order.

Example CN Summary

Business Change Notice (BCN): 00001

BCN Name	BCN Number	Program Name	Change Notice Type		
CN1	00001	My Projects	A Production Release		
Creator	Responsible Engineer	Release Date	Lifecycle State	Reviewer	
White, Walter	White, Walter	Clark, Kent	Under Review	Smith, Bob	
Reason for Change Notice					
Structure change for acme models					
BCN Attributes		Values			
eCAD Request Number					
BCR Number					
Sites Impacted					
Site Number	Site Name	Site Description			
EM-036	Coyote Lair				
Affected Models					
Model Number	Model Name	Site Number			
12356234	Acme Blaster	EM-036			
12335412	Acme Flamethrower	EM-038			
Change Activity Number : 00001 Name : (Default task) Modify affected objects					
Change Summary					
Number	Version	Name	Release Target	Comments	
000000021	A.1	MyPart	Change	Comment Y	
Change Analysis					
Number	Name	Changes	Rev Change	Qty Change	Version
000000024	Starter				A.1
000000026	Valve				A.1
000000021	Safety Spec		A > B		B.2
000000021	Block		A > B		B.2
000000021	Block		A > B		B.2
000000021	Piston			4.0 -> 6.0	B.2
000000026	Piston				C.1

OOTB preconfigured template

Preconfigured Out-of-the-Box template includes:

- One Windchill object, one report
- Fields preconfigured
- Template can't be modified

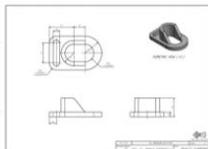
Reconfigured template includes:

- One Windchill object, one report
- Fields re-configured to adjust to customer's needs
- No modification of the queried data
- Template can be re-organized, but no additional tables, titles, etc.
- Add customer logos and styling



Engineering Change Notice

ECN Number	ECN18-W2356	Date	10/19/2018			
Part Number	WCDS000658	Engineer	Site, Administrator			
Part Name	01-2_cam_intake.asm	Earliest Usable Revision	B			
Revision	B	Needs Repriced?	No			
Stock Disposition		Effectivity	First Tooling Build			
In Process	N/A	Reason	Product Improvement			
Inventory	Exhaust	Requested By	Engineering			
Field	Exhaust w/ Scrap	Sample/Engr Review Req'd	Yes Qty 8			
BOM Changes						
Number	Name	Change	Before Qty	After Qty		
WCDS000677	01-2_inner_sprocket.prt		1.0	2.0		
WCDS000238	timing_pulley_cam.prt		1.0	-		
WCDS000023	01-51368d.prt		-	1.0		
Information Comments						
TestOem						
Comments						
TestComms						
Where Used						
Number	Ver	Name	In Process	Inventory	Field	Comments
WCDS000147	A.1	head_mirror.asm	Exhaust w/	Exhaust	Rework	asgwa
WCDS000159	A.1	01-2_head.asm	Exhaust w/	Exhaust	Rework	asgwa
Image						



Built-to-order report

Pricing on-demand, fixed-price

- Could be multiple objects, BoMs...
- Template completely tailored
- Still supported as a product
- Possibility to add QR and Bar Codes
- Possibility to add charts
- Visualizations e.g. thumbnails available

Built-to-Order template